Index of Claims

| Α | рp | licat | tion/ | <b>Contr</b> | o | No. |
|---|----|-------|-------|--------------|---|-----|

Applicant(s)/Patent under Reexamination

10/037,272

AALTONEN, JANNE U.

Examiner

Art Unit

Christine Ng

2616

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| 4 | Appeal   |
|---|----------|
| 0 | Objected |

| Cla         | im.      | Γ            |  |  |  | Date   |  |              |              | -  | 1 1 | Cla  | aim      |          |    |  |                  | Date   | _  | _ |
|-------------|----------|--------------|--|--|--|--|--|--------------|--------------|--|-----|--|----------|----------|----|--|------------------|--|--|---|
|             |          | -            | $\overline{}$                                    |  | Γ.   |  | Ť  |              |              |  |     | Oil  |          |          |    |  |                  |  | ř  | Г |
| Final       | Original | 7/3/06       |  |  |  |  |  |              |              |  |     | Final  | Original |          |    |  |                  |  |  |   |
|             | 1        | 1            |  |  |  |  |  |              |              |  |     |  | 51       |          |    |  |                  | ٠  |  |   |
|             | 2        | 1            |  |  |  |  |  |              |              |  |     |  | 52       |          |    |  |                  |  |  | Γ |
|             | 3        | 1            |  |  |  |  |  | •            |              |  |     |  | 53       |          |    |  |                  |  |  |   |
|             | 4        | <b>V</b>     |  |  |  |  |  |              |              |  |     |  | 54       |          |    |  |                  |  |  | Γ |
|             | 5        | 1            |  |  |  |  |  |              |              |  |     |  | 55       |          |    | _  |                  |  | Г  | Γ |
|             | 6        | 1            |  |  | _  | Г  |  |              |              |  |     |  | 56       |          |    |  |                  |  |  | Γ |
|             | 7        | 1            |  |  | _  | $\vdash$   | Т  |              |              |  |     |  | 57       |          |    | -  |                  |  |  | Γ |
|             | 8        | 1            |  |  |  |  |  |              |              |  |     |  | 58       |          |    |  |                  |  | Г  | Γ |
|             | 9        | 1            |  |  | $\vdash$   |  |  |              | _            |  |     |  | 59       |          |    |  |                  |  |  | Γ |
|             | 10       | 1            |  | $\vdash$   |  |  |  |              |              |  |     |  | 60       |          |    |  |                  |  |  | Γ |
|             | 11       | 1            | Г  | _  |  |  |  | Г            |              |  | Ì   |  | 61       |          |    |  |                  |  |  | Γ |
|             | 12       | 1            |  |  |  |  |  | $\vdash$     |              |  | ĺ   |  | 62       |          |    |  |                  |  |  | Γ |
|             | 13       |              | <del>                                     </del> |  |  |  |  |              |              |  | i   |  | 63       |          |    |  |                  | $\Box$   |  | t |
|             | 14       | $\vdash$     | _  | _  | <del>                                     </del> | $\vdash$   |  | Г            | _            |  |     |  | 64       |          |    |  |                  | -  |  | t |
|             | 15       | $\vdash$     | -  | _  |  |  |  | $\vdash$     |              |  | i   |  | 65       |          |    |  |                  |  |  | t |
|             | 16       | $\vdash$     |  | $\vdash$   |  |  |  |              |              | _  |     |  | 66       |          | _  | -  |                  |  |  | t |
| -           | 17       | -            | -  | $\vdash$   | $\vdash$   |  | <del>                                     </del> | $\vdash$     | -            | _  |     |  | 67       |          |    |  |                  | $\vdash$   | _  | t |
|             | 18       | ┰            | -  | H  |  | H  | $\vdash$   | $\vdash$     | <del> </del> |  |     |  | 68       |          |    |  | $\vdash$         | _  | -  | t |
|             | 19       | ┢─           | -  | H  | -  | ┢  | $\vdash$   | $\vdash$     | ┢            |  |     |  | 69       |          |    |  |                  | _  |  | t |
|             | 20       | ┢            | -  | $\vdash$   | -  | ┢  | $\vdash$   | -            | ┢            |  | i   |  | 70       |          |    |  | _                |  | $\vdash$   | t |
|             | 21       | <del> </del> | -  | $\vdash$   |  | ┢  | $\vdash$   | ┢            | $\vdash$     |  | i   |  | 71       | Н        |    | $\overline{}$                                    | -                | _  | $\vdash$   | t |
|             | 22       | ⊢            | -  | -  | <del> </del>                                     | ⊢  |  | -            | -            | _  |     |  | 72       | -        |    |  |                  | -  | <del>                                     </del> | t |
| $\vdash$    | 23       | ⊢            | -  | _  | -  | -  | ⊢  | -            | -            | _  |     |  | 73       | Н        | _  | _  | $\vdash$         |  | $\vdash$   | t |
|             | 24       |              | ⊢  |  | -  | ├  | -  | $\vdash$     | $\vdash$     | _  |     |  | 74       | Н        |    | _  | $\vdash$         | _  |  | t |
|             | 25       |              | -  | <u> </u>   |  | ⊢  | ┢  | ┝            | -            | -  | ł   | -  | 75       | Н        |    | _  | ┝                | _  | -  | t |
|             | 26       | ┢            | ⊢  |  | ⊢  |  | ┝  | $\vdash$     | -            |  | 1   |  | 76       |          | _  | $\vdash$   | -                | -  | $\vdash$   | H |
|             | 27       | ┢            | ⊢  |  |  | -  | ├  | $\vdash$     |              |  | 1   |  | 77       | Н        |    | H  | -                | -  | ⊢  | t |
|             |          | -            | ⊢  | -  | -  | $\vdash$   | -  | ₩            |              | -  |     |  | 78       | Н        |    | _  | ├                |  | ┢  | t |
| -           | 28<br>29 | -            | ⊢  | _  | -  | -  |  | ├            | -            | _  |     |  | 79       | Н        | _  | ⊢  | -                | -  | -  | t |
|             | 30       | <del> </del> | -  | $\vdash$   | ⊢  | ⊢  | ┝  | -            |              | -  | 1   |  | 80       | Н        |    | ┢  | ┝                | ┢  | ├  | t |
|             | 31       | -            | ├-   | ├  | ⊢  | ⊢  | ⊢  | ┢            |              | $\vdash$   | {   |  | 81       | Н        |    | ├  |                  | ┝  | -  | t |
| <u> </u>    | 32       | -            | ⊢  | $\vdash$   | ┢  | ⊢  | ┝  | -            | -            | -  | ł   |  | 82       | Н        |    | $\vdash$   |                  | -  | $\vdash$   | t |
| -           | 33       | -            | ├  | ⊢  | ├  | ├  | ├  | -            | -            | _  |     |  | 83       |          |    | -  | $\vdash$         | $\vdash$   |  | t |
|             | 34       | $\vdash$     | $\vdash$   | -  | ├÷   | <del>                                     </del> | <del>  -</del>                                   | $\vdash$     | $\vdash$     | -  |     |  | 84       |          | -  | $\vdash$   | <del>  -  </del> | -  | ╁  | t |
|             | 35       | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash$   | -            | $\vdash$     | $\vdash$   | ł   | <u> </u>   | 85       | $\vdash$ | -  | ┢─   | ┢                | $\vdash$   | $\vdash$   | t |
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| $\vdash$    | 37       | -            | $\vdash$   | $\vdash$   | $\vdash$   | ├  | $\vdash$   | ├            | $\vdash$     | $\vdash$   | 1   | _  | 87       | $\vdash$ | -  | -  | $\vdash$         | $\vdash$   | $\vdash$   | t |
|             | 38       | -            | $\vdash$   | ┢  | $\vdash$   | $\vdash$   | -  | <del> </del> | -            | ├  | 1   |  | 88       | $\vdash$ |    | $\vdash$   | -                | ├  | $\vdash$   | t |
|             | 39       | $\vdash$     | -  | $\vdash$   | <del>  -</del>                                   | $\vdash$   | 1  | $\vdash$     | -            | <del>                                     </del> | ł   | <del>                                     </del> | 89       | $\vdash$ |    | $\vdash$   | -                | <del> </del>                                     | ╁  | t |
| -           | 40       | $\vdash$     | -  | $\vdash$   | $\vdash$   | $\vdash$   | -  | ╁            | -            | $\vdash$   | 1   | $\vdash$   | 90       | Н        |    | ├  | $\vdash$         | ╁  |  | t |
| -           | 41       | 1            | <del>                                     </del> | <del>                                     </del> | +  | $\vdash$   | <del> </del>                                     | ╁            | -            | -  | ł   | <del>                                     </del> | 91       | $\vdash$ |    | ┢╌   | $\vdash$         | <del>                                     </del> | $\vdash$   | t |
| -           | 41       | -            | $\vdash$   | -  | $\vdash$   | ├  | ├  | ├            | $\vdash$     | $\vdash$   | ł   |  | 92       | $\vdash$ | -  | $\vdash$   | ├                | $\vdash$   | $\vdash$   | t |
| -           | 43       |              | -  | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | $\vdash$     | -            | -  | 1   | <del> </del>                                     | 93       | H        | _  | $\vdash$   | <del> </del>     | $\vdash$   | $\vdash$   | t |
| <del></del> | 43       | -            | $\vdash$   | ⊢  |  | -  | $\vdash$   | $\vdash$     | <del> </del> | <del> </del> -                                   | 1   |  | 94       | H        |    | -  | $\vdash$         | 1  | -  | t |
| -           | 45       | $\vdash$     | $\vdash$   | -  | $\vdash$   | $\vdash$   | -  | $\vdash$     | $\vdash$     | -  | ł   | <del> </del>                                     | 95       | $\vdash$ |    | $\vdash$   | -                |  |  | t |
|             | 46       | -            |  | $\vdash$   | +-   | +-   | ⊢  | $\vdash$     | -            | -  | 1   | <u> </u>   | 96       | -        | -  | <del>                                     </del> | -                | <del>  -  </del>                                 | ╁╌   | t |
| $\vdash$    | 47       |              | -  | 1  | <del>                                     </del> | -  | $\vdash$   | $\vdash$     | -            | -  | 1   | <del> </del>                                     | 97       | -        | -  | $\vdash$   | $\vdash$         | <del> </del>                                     | ┢  | t |
| -           | 48       | -            | $\vdash$   | $\vdash$   | -  | -  | -  | $\vdash$     | -            | $\vdash$   | {   | $\vdash$   | 98       |          | -  | $\vdash$   | $\vdash$         | -  | -  | t |
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| <b>—</b>    | 50       | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | +-   | $\vdash$   | -            |              | $\vdash$   | 1   |  | 100      | -        | -  | -  | $\vdash$         |  | -  | + |
|             | LOU      |              | L  | <u> </u>   | <u> </u>   | Ц_   | Щ  | <u> </u>     | <u> </u>     |  | J   | L  | 100      | 1        |    | <u>.                                    </u>     |                  |  | 1  | L |

| Cla      | im       | Date         |        |  |  |  |  |              |          |          |  |
|----------|----------|--------------|--------|--|--|--|--|--------------|----------|----------|--|
|          |          |              |        |  |  |  |  |              |          |          |  |
| Final    | Original |              |        |  |  |  |  |              |          |          |  |
|          | 51<br>52 |              |        |  |  | •  |  |              |          |          |  |
|          | 52       |              |        |  |  |  |  |              |          |          |  |
|          | 53       | $\neg$       | _      |  |  |  |  |              |          |          |  |
|          | 54       |              | $\neg$ |  |  |  |  | $\neg$       |          |          |  |
| _        | 54<br>55 | -            |        | _  | $\vdash$   | -  | -  | $\dashv$     |          | _        |  |
|          | 22       | -            | _      |  | _  | -  |  | $\dashv$     | _        | _        |  |
| $\vdash$ | 56       |              | _      | _  |  |  | $\dashv$   | _            | •        |          |  |
|          | 57       | _            | _      |  |  | _  | $\dashv$   |              | _        |          |  |
|          | 58       |              |        |  | Щ  |  | _  |              |          | _        |  |
|          | 59       |              |        |  | $\Box$   |  |  |              |          |          |  |
|          | 60       |              |        |  |  |  |  |              |          |          |  |
|          | 61       |              |        |  |  |  |  |              |          |          |  |
|          | 62       |              |        |  |  |  |  |              |          |          |  |
|          | 63       |              |        |  |  |  |  |              |          |          |  |
|          | 64       |              |        |  |  |  |  |              |          |          |  |
|          | 65<br>66 |              |        |  |  |  |  |              |          |          |  |
|          | 66       |              |        |  |  |  |  |              |          |          |  |
|          | 67       |              |        |  |  |  |  |              |          |          |  |
|          | 68       |              |        |  |  |  |  |              |          |          |  |
| <b> </b> | 69       |              |        |  |  |  |  |              |          |          |  |
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|          | 72       |              |        |  |  |  |  | _            | _        | $\vdash$ |  |
|          | 72       |              | _      | _  | _  | _  | -  | _            |          | _        |  |
|          | 73<br>74 |              |        |  | _  | -  |  |              |          | _        |  |
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| -        | 70       |              | _      | _  | _  |  |  |              | _        |          |  |
|          | 76<br>77 | -            | _      | _  | _  |  | Н  | _            |          | -        |  |
|          | 77       | Ш            |        | _  |  |  |  |              | _        |          |  |
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|          | 79       |              |        |  |  |  |  |              |          |          |  |
| <u> </u> | 80       |              |        |  |  |  |  |              | _        | L.       |  |
| L        | 81<br>82 |              |        |  |  |  |  |              |          | L_       |  |
|          | 82       |              |        |  |  |  |  |              |          | L        |  |
|          | 83       |              |        |  |  |  |  |              |          | L        |  |
|          | 84       |              |        |  |  |  |  |              |          |          |  |
|          | 85       |              |        |  |  |  |  |              |          |          |  |
|          | 86       |              |        |  |  |  |  |              |          |          |  |
|          | 87       |              |        |  |  |  |  |              |          |          |  |
|          | 88       |              |        |  |  |  |  |              |          |          |  |
|          | 89       |              |        |  |  |  |  |              |          |          |  |
|          | 90_      |              |        |  |  |  |  |              |          |          |  |
|          | 91       |              |        | Г  | Г  |  |  |              |          |          |  |
|          | 92       |              |        |  |  | Г  | $\Box$   | $\Box$       | П        |          |  |
|          | 93       | Г            |        | $\vdash$   |  |  | Г  | $\vdash$     | Т        | ऻ        |  |
|          | 94       | $\vdash$     |        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |  |
|          | 95       | $\vdash$     |        | $\vdash$   | $\vdash$   |  |  | $\vdash$     | _        |          |  |
|          | 96       | ┢            | _      | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |  | <del> </del> | $\vdash$ | _        |  |
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|          | 99       | <u> </u>     | _      | <u> </u>   | ├-   |  |  | -            | -        | -        |  |

| Cla       | aim_   | Date     |          |  |               |          |          |          |               |          |  |  |
|-----------|--|----------|----------|--|---------------|----------|----------|----------|---------------|----------|--|--|
|           |  |          |          |  |               |          |          |          |               |          |  |  |
| Final     | Original   |          |          |  |               |          |          |          |               |          |  |  |
|           | 101  |          |          |  |               |          |          |          |               |          |  |  |
|           | 102  |          |          |  |               |          |          |          |               |          |  |  |
|           | 101<br>102<br>103<br>104<br>105                                    |          |          |  |               |          |          |          |               |          |  |  |
|           | 104  |          |          |  |               |          |          |          |               |          |  |  |
|           | 105  |          |          |  |               |          |          |          |               |          |  |  |
|           | 106  | Ш        |          |  |               |          |          |          |               | Ш        |  |  |
|           | 106<br>107<br>108<br>109   |          |          |  |               |          |          |          |               |          |  |  |
|           | 108  | _        |          |  |               |          |          |          |               |          |  |  |
|           | 109  | _        |          |  |               |          |          | Н        |               | ш        |  |  |
|           | 110  | $\vdash$ | _        | _  |               |          | _        | -        |               |          |  |  |
|           | 111  | Н        |          |  |               |          |          |          |               |          |  |  |
|           | 112  | -        |          |  |               |          | _        | $\vdash$ | _             |          |  |  |
|           | 110<br>111<br>112<br>113<br>114<br>115<br>116                      | -        |          | -  |               |          | _        | _        | -             | $\vdash$ |  |  |
|           | 115  | -        | _        | -  | _             | -        |          | _        |               | $\dashv$ |  |  |
|           | 116  |          |          | $\vdash$   |               | _        |          |          |               | $\dashv$ |  |  |
|           | 117  |          | _        |  |               | Н        |          |          |               |          |  |  |
|           | 118<br>119<br>120  |          | -        |  |               |          |          |          |               | $\neg$   |  |  |
|           | 119  |          |          |  |               | _        | _        |          | $\overline{}$ | $\neg$   |  |  |
|           | 120  |          |          |  | $\overline{}$ | _        | _        | _        |               | П        |  |  |
|           | 121  |          |          |  |               |          |          |          |               |          |  |  |
|           | 122  |          |          |  |               |          |          |          |               |          |  |  |
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|           | 125  |          |          |  |               |          |          |          |               |          |  |  |
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|           | 127  |          |          |  |               |          | L        | Ш        |               |          |  |  |
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|           | 129  |          |          | _  |               |          | L.,      | L_       | <u> </u>      | Ш        |  |  |
| L         | 130  |          |          |  |               |          | _        | _        |               |          |  |  |
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| <u> </u>  | 137<br>138<br>139  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$      |          | $\vdash$ | $\vdash$ |               | Н        |  |  |
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| $\vdash$  | 140  | П        | <u> </u> | <del>                                     </del> | $\vdash$      |          | $\vdash$ | $\vdash$ |               | П        |  |  |
| <b></b>   | 141  | Т        |          | $\vdash$   | $\vdash$      |          |          |          | Г             | П        |  |  |
|           | 142  |          | Г        |  |               |          |          |          |               |          |  |  |
|           | 143  | $\vdash$ | Г        |  |               |          | Г        |          |               | П        |  |  |
|           | 144  |          | Г        |  |               |          |          |          |               |          |  |  |
|           | 145  | Г        | Г        |  |               |          |          |          |               |          |  |  |
|           | 146  |          |          |  |               |          |          |          |               |          |  |  |
|           | 147  |          |          |  |               |          |          |          |               |          |  |  |
|           | 148  |          |          |  |               |          |          |          |               |          |  |  |
|           | 149  |          |          |  |               | 匚        |          |          | $\Box$        |          |  |  |
|           | 150  |          |          |  |               |          |          |          |               |          |  |  |